



312066016679060

OCT 17 1997

REPORTABLE CONCENTRATIONS (RCs) IN GROUNDWATER AND SOIL

A Subset of Chemicals Extracted from 310 CMR 40.1600
The Massachusetts Oil and Hazardous Material List (MOHML)
(Including revisions and corrections to the MOHML up to April 1996)

See MCP Subpart C for the use of these RCs and the MOHML for additional chemicals.

OIL OR HAZARDOUS MATERIAL	RCGW-1 mg/L (ppm)	RCGW-2 mg/L (ppm)	RCS-1 mg/kg (ppm)	RCS-2 mg/kg (ppm)
ACENAPHTHENE	0.02	2	20	2000
ACENAPHTHYLENE	0.3	2	100	800
ACETONE	3	50	3	60
ALDRIN	0.0005	0.0005	0.03	0.04
ANTHRACENE	0.6	0.6	1000	1000
ANTIMONY	0.006	0.3	10	40
ARSENIC	0.05	0.4	30	30
BARIUM	2	30	1000	2500
BENZENE	0.005	2	10	60
BENZO(a)ANTHRACENE	0.001	0.005	0.7	1
BENZO(a)PYRENE	0.0002	0.002	0.7	0.7
BENZO(b)FLUORANTHENE	0.001	0.007	0.7	1
BENZO(g,h,i)PERYLENE	0.0005	0.0005	100	100
BENZO(k)FLUORANTHENE	0.001	0.001	7	10
BERYLLIUM	0.004	0.05	0.7	0.8
BIPHENYL, 1,1-	0.4	4	1	10
BIS(2-CHLOROETHYL)ETHER	0.03	0.1	0.7	0.7
BIS(2-CHLOROISOPROPYL)ETHER	0.03	0.4	0.7	3
BIS(2-ETHYLHEXYL)PHTHALATE	0.006	0.03	100	300
BROMODICHLOROMETHANE	0.005	50	0.1	20
BROMOFORM	0.005	0.8	0.1	20
BROMOMETHANE	0.002	0.002	3	3

REPORTABLE CONCENTRATIONS (RCs) IN GROUNDWATER AND SOIL

A Subset of Chemicals Extracted from 310 CMR 40.1600
The Massachusetts Oil and Hazardous Material List (MOHML)
(Including revisions and corrections to the MOHML up to April 1996)

See MCP Subpart C for the use of these RCs and the MOHML for additional chemicals.

OIL OR HAZARDOUS MATERIAL	RCGW-1 mg/L (ppm)	RCGW-2 mg/L (ppm)	RCS-1 mg/kg (ppm)	RCS-2 mg/kg (ppm)
CADMIUM	0.005	0.01	30	80
CARBON TETRACHLORIDE	0.005	0.02	1	4
CHLORDANE	0.002	0.002	1	2
CHLOROANILINE, p-	0.03	50	1	30
CHLOROBENZENE	0.1	0.5	8	40
CHLOROFORM	0.005	0.4	0.1	10
CHLOROPHENOL, 2-	0.01	40	0.7	20
CHROMIUM (TOTAL)	0.1	2	1000	2500
CHROMIUM (III)	0.1	2	1000	2500
CHROMIUM (VI)	0.05	0.1	200	600
CHRYSENE	0.002	0.003	7	10
CYANIDE	0.01	0.01	100	100
DIBENZO(a,h)ANTHRACENE	0.0005	0.0005	0.7	0.7
DIBROMOCHLOROMETHANE	0.005	50	0.09	20
DICHLOROBENZENE, 1,2- (o-DCB)	0.6	8	100	500
DICHLOROBENZENE, 1,3- (m-DCB)	0.6	8	100	500
DICHLOROBENZENE, 1,4- (p-DCB)	0.005	8	2	60
DICHLOROBENZIDINE, 3,3'-	0.08	2	1	1
DICHLORODIPHENYL DICHLOROETHANE, P,P'- (DDD)	0.0001	0.006	2	3
DICHLORODIPHENYLDICHLOROETHYLENE, P,P'- (DDE)	0.0001	0.02	2	2
DICHLORODIPHENYLTRICHLOROETHANE, P,P'- (DDT)	0.0003	0.0003	2	2

REPORTABLE CONCENTRATIONS (RCs) IN GROUNDWATER AND SOIL

A Subset of Chemicals Extracted from 310 CMR 40.1600
The Massachusetts Oil and Hazardous Material List (MOHML)
(Including revisions and corrections to the MOHML up to April 1996)

See MCP Subpart C for the use of these RCs and the MOHML for additional chemicals.

OIL OR HAZARDOUS MATERIAL	RCGW-1 mg/L (ppm)	RCGW-2 mg/L (ppm)	RCS-1 mg/kg (ppm)	RCS-2 mg/kg (ppm)
DICHLOROETHANE, 1,1-	0.07	9	3	400
DICHLOROETHANE, 1,2-	0.005	0.02	0.05	0.2
DICHLOROETHYLENE, 1,1-	0.001	0.001	0.1	0.1
DICHLOROETHYLENE, CIS-1,2-	0.07	30	2	500
DICHLOROETHYLENE, TRANS-1,2-	0.1	20	4	500
DICHLOROPHENOL, 2,4-	0.01	4	10	90
DICHLOROPROPANE, 1,2-	0.005	0.009	0.1	0.2
DICHLOROPROPENE, 1,3-	0.0005	0.005	0.01	0.1
DIELDRIN	0.0001	0.0001	0.03	0.04
DIETHYL PHTHALATE	0.03	0.03	0.7	0.7
DIMETHYL PHTHALATE	0.03	0.03	0.7	0.7
DIMETHYLPHENOL, 2,4-	0.1	20	0.7	10
DINITROPHENOL, 2,4-	0.2	2	3	6
DINITROTOLUENE, 2,4-	0.03	2	0.7	2
DIOXIN	3e-08	1e-07	4e-06	6e-06
ENDOSULFAN	0.0001	0.0001	0.05	0.05
ENDRIN	0.002	0.005	0.6	1
ETHYLBENZENE	0.7	4	80	500
ETHYLENE DIBROMIDE	0.00002	0.003	0.005	0.02
FLUORANTHENE	0.1	0.1	600	600
FLUORENE	0.3	1	400	1000

REPORTABLE CONCENTRATIONS (RCs) IN GROUNDWATER AND SOIL

A Subset of Chemicals Extracted from 310 CMR 40.1600
The Massachusetts Oil and Hazardous Material List (MOHML)
(Including revisions and corrections to the MOHML up to April 1996)

See MCP Subpart C for the use of these RCs and the MOHML for additional chemicals.

OIL OR HAZARDOUS MATERIAL	RCGW-1 mg/L (ppm)	RCGW-2 mg/L (ppm)	RCS-1 mg/kg (ppm)	RCS-2 mg/kg (ppm)
HEPTACHLOR	0.0004	0.001	0.1	0.2
HEPTACHLOR EPOXIDE	0.0002	0.002	0.06	0.09
HEXACHLOROBENZENE	0.001	0.04	0.7	0.8
HEXACHLOROBUTADIENE	0.0006	0.0006	3	3
HEXACHLOROCYCLOHEXANE, GAMMA (gamma-HCH)	0.0002	0.0008	0.1	0.5
HEXACHLOROETHANE	0.008	0.01	6	10
INDENO(1,2,3-cd)PYRENE	0.0005	0.0005	0.7	1
LEAD	0.02	0.03	300	600
MERCURY	0.001	0.001	20	60
METHOXYCHLOR	0.002	0.002	30	30
METHYL ETHYL KETONE	0.4	50	0.3	40
METHYL ISOBUTYL KETONE	0.4	50	0.5	70
METHYL MERCURY	0.0001	0.0001	2	6
METHYL TERT BUTYL ETHER	0.07	50	0.3	200
METHYLENE CHLORIDE	0.005	50	0.1	200
METHYLNAPHTHALENE, 2-	0.01	3	0.7	7
NAPHTHALENE	0.02	6	4	1000
NICKEL	0.08	0.08	300	700
PENTACHLOROPHENOL	0.001	0.08	5	10
PHENANTHRENE	0.05	0.05	100	100
PHENOL	4	30	60	500
POLYCHLORINATED BIPHENYLS	0.0003	0.0003	2	2

REPORTABLE CONCENTRATIONS (RCs) IN GROUNDWATER AND SOIL

A Subset of Chemicals Extracted from 310 CMR 40.1600
The Massachusetts Oil and Hazardous Material List (MOHML)
(Including revisions and corrections to the MOHML up to April 1996)

See MCP Subpart C for the use of these RCs and the MOHML for additional chemicals.

OIL OR HAZARDOUS MATERIAL	RCGW-1 mg/L (ppm)	RCGW-2 mg/L (ppm)	RCS-1 mg/kg (ppm)	RCS-2 mg/kg (ppm)
PYRENE	0.08	0.08	500	500
SELENIUM	0.05	0.08	400	2500
SILVER	0.007	0.007	100	200
STYRENE	0.1	0.9	2	20
TETRACHLOROETHANE, 1,1,1,2-	0.005	0.006	0.4	0.5
TETRACHLOROETHANE, 1,1,2,2-	0.002	0.02	0.02	0.2
TETRACHLOROETHYLENE	0.005	3	0.5	30
THALLIUM	0.002	0.4	8	30
TOLUENE	1	6	90	500
TOTAL PETROLEUM HYDROCARBONS	1	50	500	2500
TRICHLOROBENZENE, 1,2,4-	0.07	0.5	100	500
TRICHLOROETHANE, 1,1,1-	0.2	4	30	500
TRICHLOROETHANE, 1,1,2-	0.005	20	0.3	3
TRICHLOROETHYLENE	0.005	0.3	0.4	20
TRICHLOROPHENOL, 2,4,5-	0.1	0.1	2	2
TRICHLOROPHENOL 2,4,6-	0.01	10	3	60
VANADIUM	0.05	2	400	2000
VINYL CHLORIDE	0.002	0.002	0.3	0.3
XYLENES	6	6	500	500
ZINC	0.9	0.9	2500	2500